

# Service Manual

Mini Cassette  
Voice Activated Mini Cassette Recorder  
with Tape Speed Control

Mini Cassette  
**RQ-355**  
(Brown)



This is the Service Manual  
for the following areas.

- D** ...For all European areas except United Kingdom.
- N** ...For Asia, Latin America, Middle East and Africa areas.
- A** ...For Australia.

## RQ-352 MECHANISM SERIES

### Specifications

Power requirement:

Battery; 3V (Two R6 (UM-3) size dry batteries)

**D** ...AC; with optional AC adaptor RP-31

**NA** ...AC; with optional AC adaptor RP-34

Power output:

500mW...RMS (Max.)

Frequency range:

200—8,000Hz

Motor:

Electrical governor motor

Wow and flutter:

Less than 0.5 (RMS)

Tape speed:

4.8cm/s

Track system:

2-track monaural recording and playback

Fast forward and rewind time:

Approx. 140sec. with C-60 cassette tape

Jacks:

Mic; sensitivity 0.25mV/applicable microphone  
impedance 200 $\Omega$ —600 $\Omega$

DC-in; 3V

Monitor; 8 $\Omega$

4.5cm

85mm(W) $\times$ 134mm(H) $\times$ 33mm(D)

318g without batteries

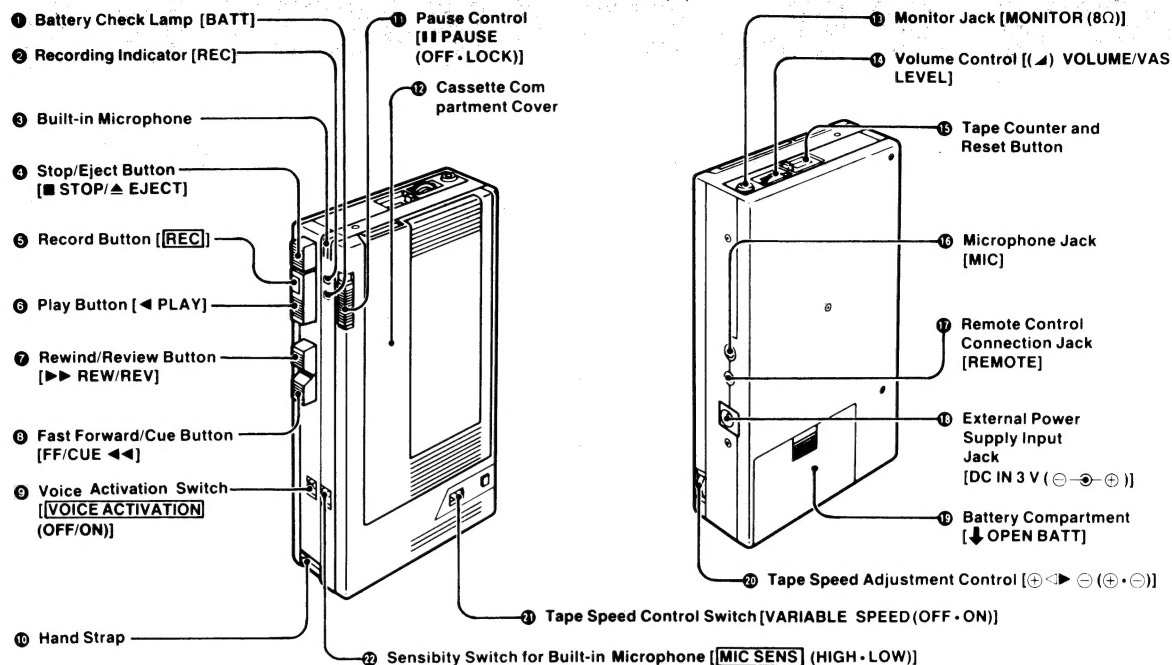
Speaker:

Dimensions:

Weight:

Design and specifications are subject to change without notice.

## LOCATION OF CONTROLS AND COMPONENTS



## DISASSEMBLY INSTRUCTIONS

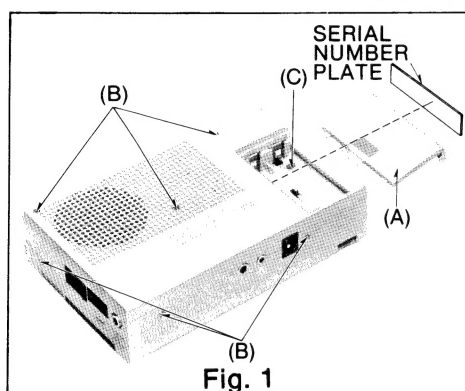


Fig. 1

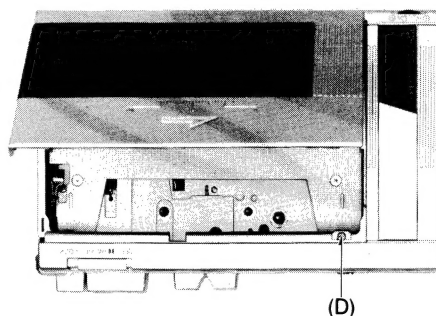


Fig. 2

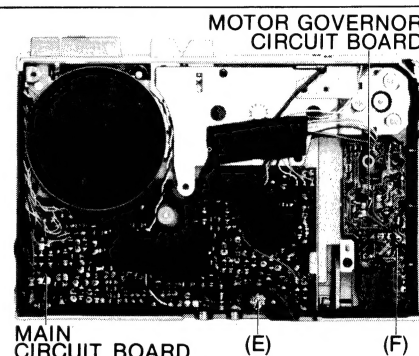


Fig. 3

Ref. No.	Procedure	To remove —.	Remove —.	Shown in fig. —.
1	1	Bottom case assembly	<ul style="list-style-type: none"> <li>• Battery lid .....(A)</li> <li>• 6 screws .....(B)</li> <li>• 1 black screw .....(C)</li> </ul>	1
2	1 → 2	Main case assembly	<ul style="list-style-type: none"> <li>• 1 screw .....(D)</li> </ul>	2
3	1 → 2 → 3	Main circuit board and motor governor circuit board	<ul style="list-style-type: none"> <li>• 1 screw .....(E)</li> <li>• 1 red screw .....(F)</li> </ul>	3

## PRECAUTIONS IN DISASSEMBLY AND REASSEMBLY

- When checking operation after removing the mechanism unit from the bottom case, the REW button (M64) should come off easily. Tighten it temporarily with a screw G9 (used to stop the bottom case) as shown in Fig. 1 and then check the operation.

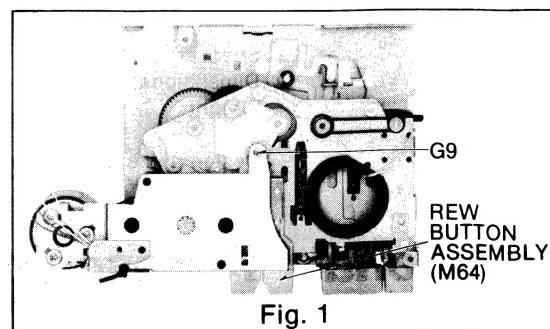


Fig. 1

• Removing the intermediate plate assembly (M60)

- i) Remove three black screws (A) first, then remove the lower plate assembly (M66) and switch angle (M9). Remove them while holding down the REW button assembly (M64) to prevent the FF/REW button spring (M21) from popping out. (Refer to Fig. 1, 2 and 3.)
- ii) Remove the FF/REW button spring and the REW button.
- iii) Remove the erase safety lever spring (M20) from the erase safety lever (M2). (Refer to Fig. 4.)
- iv) Remove the flywheel assembly (M12). (Refer to Fig. 3).
- v) Remove five screws (B), the playback rod spring (M16), and counter belt (M79). The intermediate plate assembly can be removed from the mechanism unit.
- vi) When assembling the intermediate plate assembly, assemble the cue lever (M8) parallel to the edge of the main base plate. Before securing it with screws, insert the erase safety lever spring. (Refer to Fig. 4.)

INTERMEDIATE PLATE ASSEMBLY (M60)

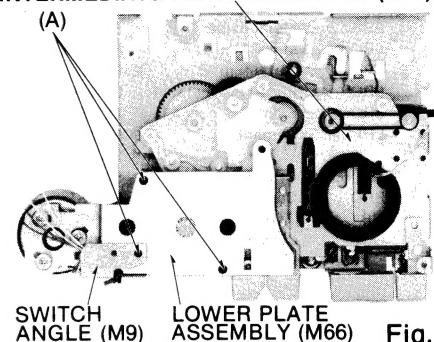


Fig. 2

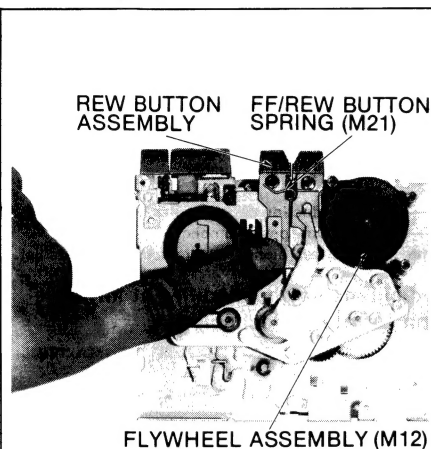


Fig. 3

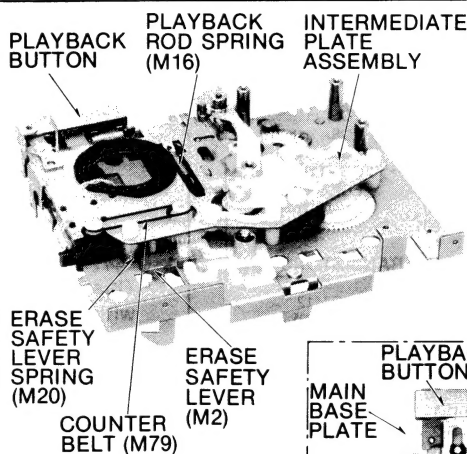


Fig. 4

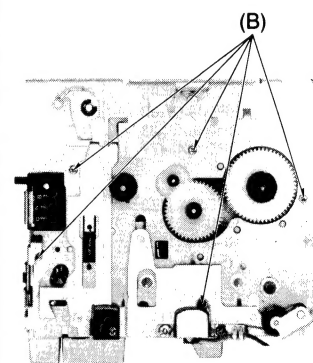


Fig. 5

## MEASUREMENT AND ADJUSTMENT METHODS

**NOTES:** Keep good condition, set switch buttons and controls in the following positions, unless otherwise specified.

- Make sure heads are clean.
- Make sure capstan and pressure roller are clean.
- Judgeable room temperature:  $20 \pm 5^\circ\text{C}$  ( $68 \pm 9^\circ\text{F}$ )
- Volume control: Set to 8.
- Speed control: OFF
- Voice operation: OFF

ITEM	MEASUREMENT & ADJUSTMENT
<p><b>A Tape speed accuracy adjustment</b></p> <p>Condition:</p> <ul style="list-style-type: none"> <li>* Playback mode</li> </ul> <p>Equipment:</p> <ul style="list-style-type: none"> <li>* Digital electronic counter or frequency counter</li> <li>* Test tape...QZZCWAT</li> <li>* Resistor (<math>8\Omega</math>)</li> </ul>	<p><b>Tape speed accuracy</b></p> <ol style="list-style-type: none"> <li>1. Test equipment connection is shown in fig. 1.</li> <li>2. Playback test tape (QZZCWAT 3,000Hz), and supply playback signal to frequency counter.</li> <li>3. Take measurement at middle section of test tape.</li> <li>4. Measure this frequency.</li> <li>5. On the basis of 3,000Hz, determine value by following formula:</li> </ol> $\text{Tape speed accuracy} = \frac{f - 3,000}{3,000} \times 100 (\%) \quad \text{where, } f = \text{measured value}$ <p style="border: 1px solid black; padding: 5px; text-align: center;"><b>Standard value: <math>\pm 2.5\%</math> (<math>f = 2,925 - 3,075 \text{ Hz}</math>)</b></p> <ol style="list-style-type: none"> <li>6. If measured value is not within standard, adjust VR201 (shown in circuit boards and wiring connection diagram), so that frequency becomes 3,000 Hz.</li> </ol>
<p><b>B Adjusting the governor circuit (<math>\mu</math> adjustment)</b></p> <p>Condition:</p> <ul style="list-style-type: none"> <li>* Playback mode</li> </ul>	<p><b>Checks after motor replacement</b></p> <ol style="list-style-type: none"> <li>1. After replacing the motor, playback the test tape (QZZCWAT) and listen to the reproduced sound. If the sound vibrates or fluctuates, change the resistor (R202) to 1.5 ohms (ERD10TJ1R5).</li> <li>2. Playback the test tape (QZZCWAT) and check that the reproduced sound does not fluctuate.</li> </ol>

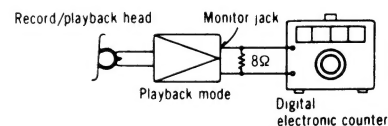


Fig. 1

## ELECTRICAL PARTS LIST

## • NOTES: RESISTORS

ERD.....Carbon  
 ERG.....Metal-oxide  
 ERS.....Metal-oxide  
 ERO.....Metal-film  
 ERX.....Metal-film  
 ERQ.....Fuse type metallic  
 ERC.....Solid  
 ERF.....Cement

## CHIP RESISTORS

RRD.....Carbon

## CHIP CAPACITORS

QCU□.....Ceramic

## CAPACITORS

ECBA.....Ceramic  
 ECG□.....Ceramic  
 ECK□.....Ceramic  
 ECC□.....Ceramic  
 ECF□.....Ceramic  
 ECQM.....Polyester film  
 ECQE.....Polyester film  
 ECQF.....Polypropylene  
 ECE□.....Electrolytic  
 ECQEN.....Non polar electrolytic  
 ECQS.....Polystyrene  
 ECS□.....Tantalum  
 QCS.....Tantalum

## REPLACEMENT PARTS LIST

Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.
<b>RESISTORS</b>		<b>CAPACITORS</b>		<b>TRANSISTORS</b>	
R 2	RRD18XJ222	C 1	ECEA1HKR22	C 31	ECEA0GKS101
R 3	RRD18XJ682	C 2	QCUT1H101MRL	C 32	ECEA0GKS470
R 4	RRD18XJ472	C 3	QCUT1H222MRL	C 33	QCU1TH101MRL
R 5	RRD18XJ102	C 4	QCUT1H392MRL	C 34	ECEA0GK330
R 7	RRD18XJ123	C 5	ECSF1CD224	C 35	ECEA0GKS221
R 8	RRD18XJ472	C 6	ECEA1HKS010	C 36	ECEA1HK010
R 9	RRD18XJ103	C 7	ECEA0GKS470	C 37	ECEA1HKS47
R 10	RRD18XJ102	C 8	QCUT1H472MRL	C 38	QCUT1H333MRL
R 11	RRD18XJ103	C 9	ECEA0GKS221	C 39	ECEA0GKS470
R 12	RRD18XJ471	C 10	ECEA0GKS101	C 40	QCUT1H472MRL
R 13	RRD18XJ184	C 11, 12	ECEA1HKS010	C 201	ECEA1EK47
R 14	RRD18XJ472	C 13	ECEA1HKS2R2	<b>DIODES &amp; RECTIFIERS</b>	
R 15	RRD18XJ474	C 14	ECEA1HKS010	D 1	SM112
R 16	RRD18XJ223	C 15	ECEA0GKS470	D 2	SLB22UR3
R 17	RRD18XJ562	C 16	QCUT1H223MRL	D 3	SLB22GG3
R 18	RRD18XJ271	C 17	ECSF1CD224	<b>INTEGRATED CIRCUITS</b>	
R 19	RRD18XJ560	C 18	ECEA1HKS2R2	IC 1	BA3410F
R 20	RRD18XJ103	C 19	ECSF1CD224	IC 2	BA5208F
R 21	RRD18XJ222	C 20	QCUT1H102MRL	IC 201	AN6612
R 22	RRD18XJ100	C 21	ECEA0GKS221	<b>JACKS</b>	
R 23, 24	RRD18XJ561	C 22	ECEA1HKR22	J 1	QJA0184
R 25	RRD18XJ182	C 23	ECEA0GKS330	J 2	refer to G12
R 27	RRD18XJ470	C 24, 25	ECEA1HK2R2	J 3	QJA0177
R 28	RRD18XJ821	C 26, 27	ECEA1EK47	J 4	QJA0185
R 29, 30	RRD18XJ8R2	C 28	QCUV1E104ZF	<b>SWITCHES</b>	
R 31	RRD18XJ102	C 29	QCUT1H222MRL	S 1	QSS6225
R 32	RRD18XJ390	C 30	QCUT1H103MRL	S 2	QSB0302
R 33	RRD18XJ224			S 3	QSS1231
R 34	RRD18XJ103			S 4	QSS1229
R 35	RRD18XJ184			S 5	QSS2233
R 36	RRD18XJ274			S 6	QSS1229
R 37	RRD18XJ563				
R 38	RRD18XJ272				
R 39, 40	RRD18XJ221				
R 41	RRD18XJ561				
R 42	RRD18XJ330				
R 201	ERSB39JR30				
R 202	ERD10TJ2R2				
(Adjustable) R 203	ERD10TJ1R5				
	ERSB20J752				
R 204	ERD10TJ102				
R 205	ERD10TJ272				
<b>CHIP JUMPERS</b>					
JP 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	RRD18XK000				
<b>VARIABLE RESISTORS</b>					
VR 1	EVLEAAT12A14				
(with Screw)					
VR 2	QVLCNAA00B5				
(with Speed Control Knob)					
VR 201	EVNB3A00B32				

## NOTES:

- S1-1—S1-3 .....Record/playback select switch (shown in playback position).
- S2.....Power ON/OFF switch (shown in OFF position).
- S3.....Pause control switch (shown in LOCK position).
- S4.....MIC sens LOW/HIGH switch (shown in HIGH position).
- S5.....Tape speed control switch (shown in OFF position).
- S6.....Vois operation switch (shown in ON position).
- VR1 .....Volume control.
- VR2 .....Tape speed control
- VR201 .....Tape speed adjustment VR.
- Resistance are in ohms ( $\Omega$ ), 1/8 watt unless specified otherwise.  
K = 1,000 $\Omega$
- Capacity are in microfarads ( $\mu$ F) unless specified otherwise.  
P = Pico-farads.

- Described in the schematic diagram are two types of numbers: the supply parts number and production parts number for transistors and diodes. One type of number is used for supply parts number and production parts number when they are identical.

e.g. Q1

2SC2412LN(R,S)——Production parts number  
 or 2SC2405(S,T)

[2SC2412R]——Supply parts number

D2

1SR35200——Production parts number

[SM112]——Supply parts number

- The supply parts number is described alone in the replacement parts list.

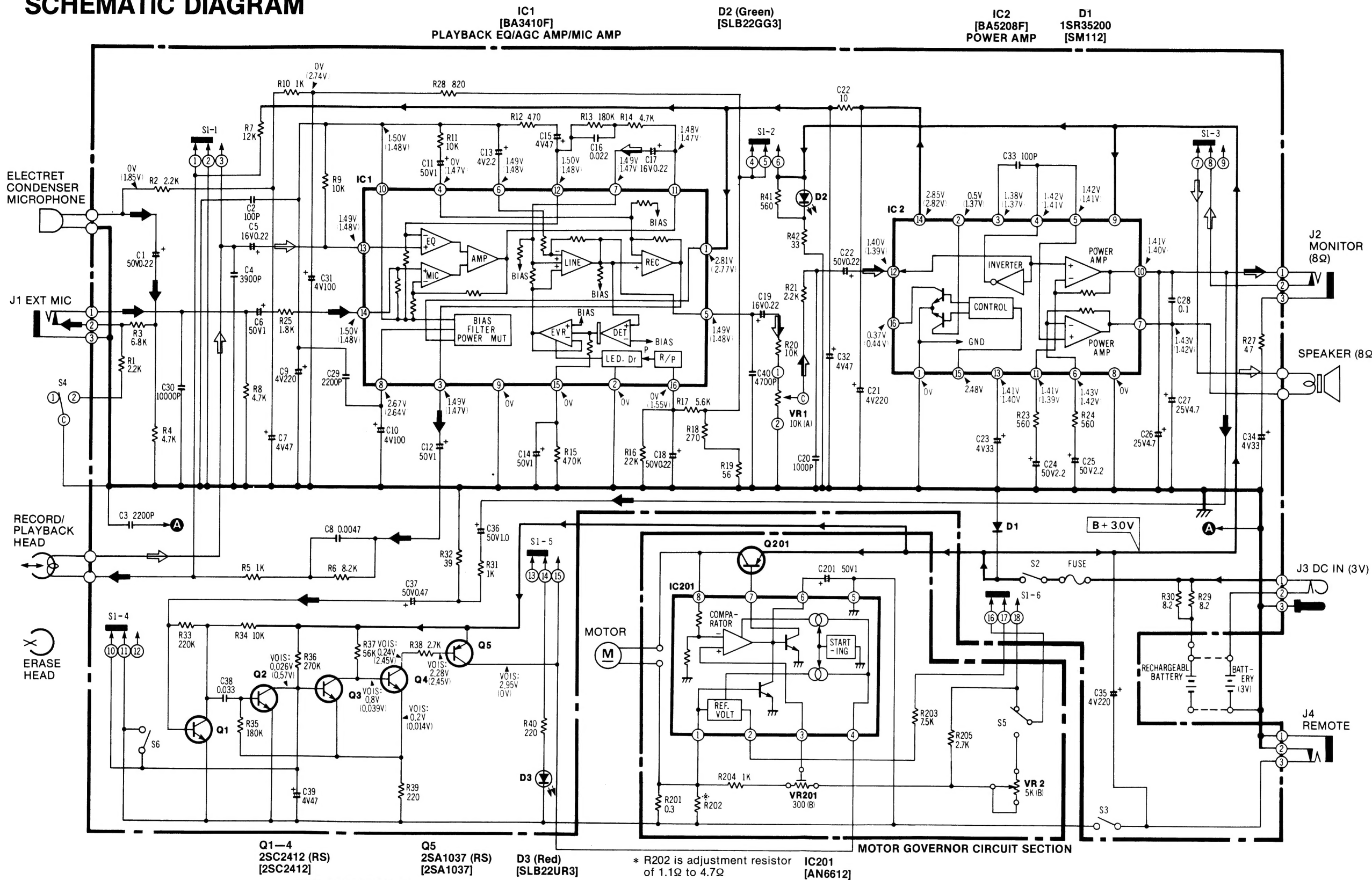
- This schematic diagram may be modified at any time with the development of new technology.

## SPECIFICATIONS

Standard recording input level	1kHz: MIC: $-72\text{dB} \pm 4\text{dB}$
Overall frequency response	250Hz: $-3 \pm 5\text{dB}$ 1kHz: 0dB 6kHz: $-3 \pm 6\text{dB}$
Playback output level * Use test tape ...QZZCFM (315Hz, 0dB)	More than 1.6V

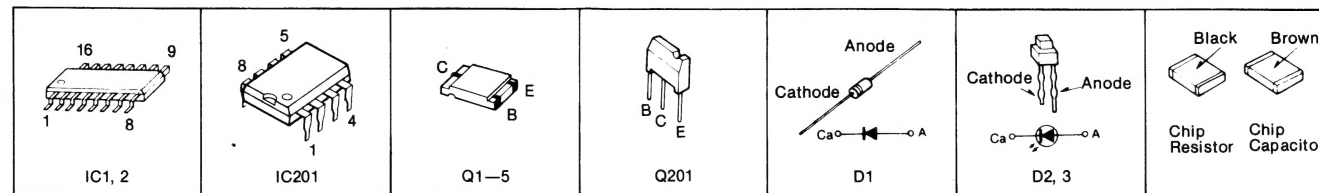
Notes: 1. Cut the speaker lead wire.  
 2. Connect 8 $\Omega$  instead of speaker.

# SCHEMATIC DIAGRAM

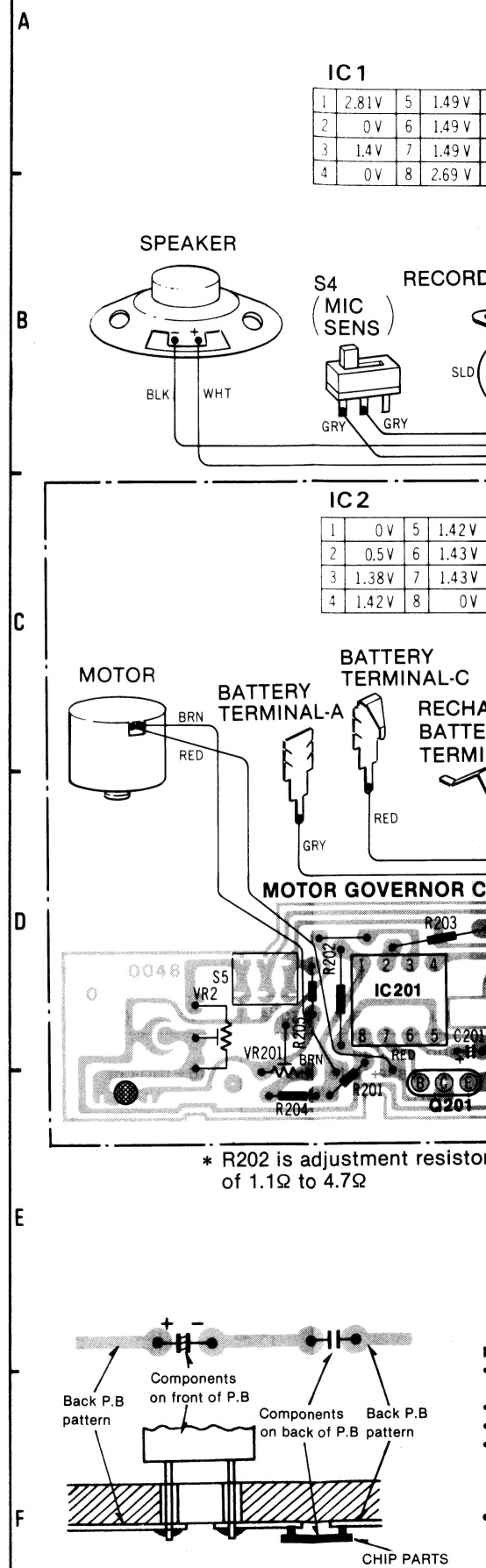


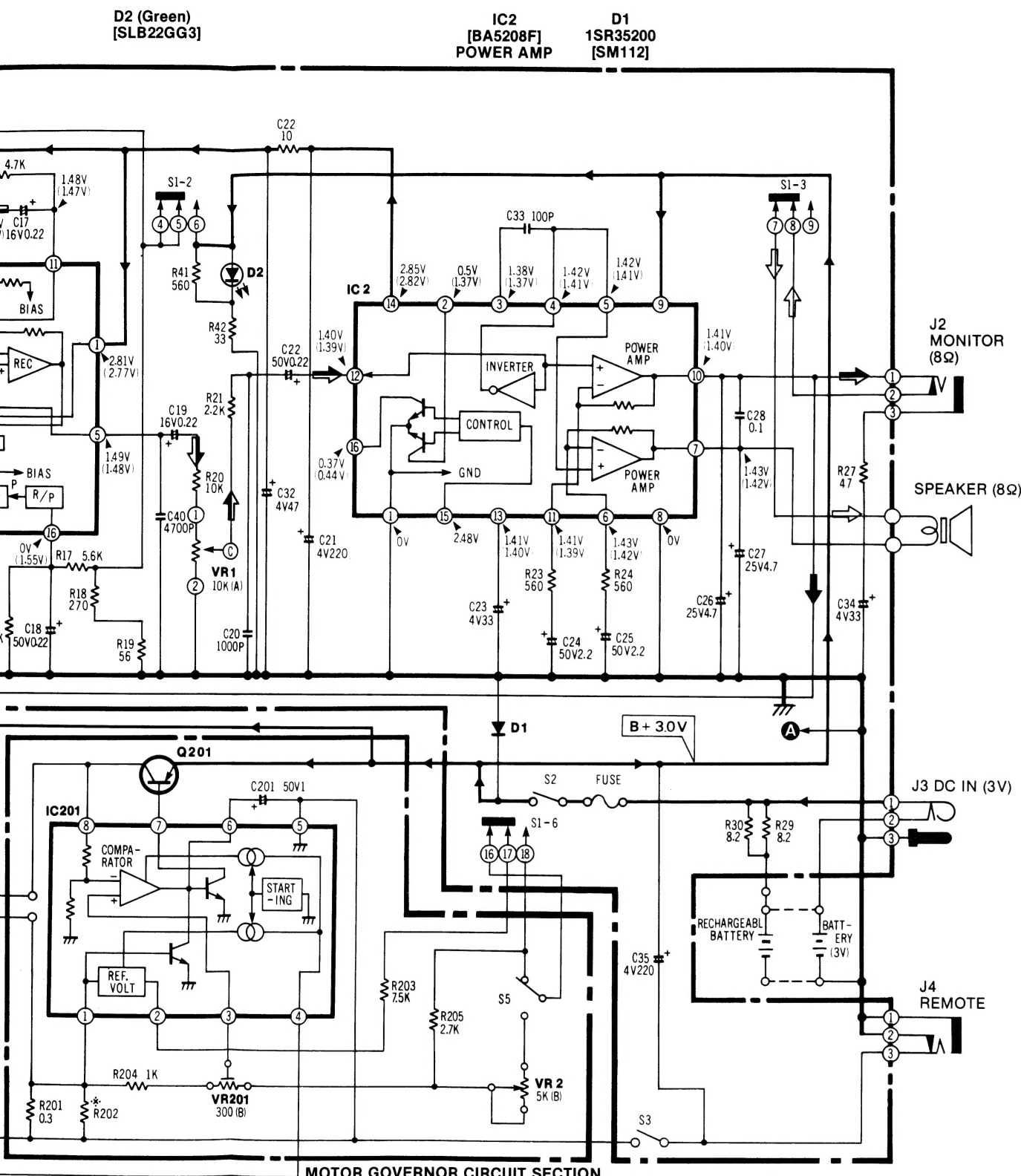
- NOTES:**
- All voltage values shown in circuitry are under no signal condition and playback mode with volume control a maximum position. However, the voltage in record mode is indicated in ( ) when it differs from that in playback mode.
  - VOIS... Voltage values at ON (Voice operation switch) mode. For measurement, use VTVM.
  - (→) this arrow indicates the flow of the playback signal.
  - (→) this arrow indicates the flow of the recording signal.
  - (→) this arrow indicates the flow of the playback and recording signal in compination.

## TERMINATIONS



# CIRCUIT BOARDS AND

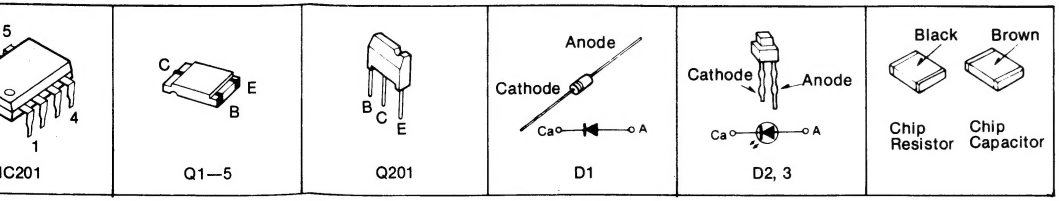




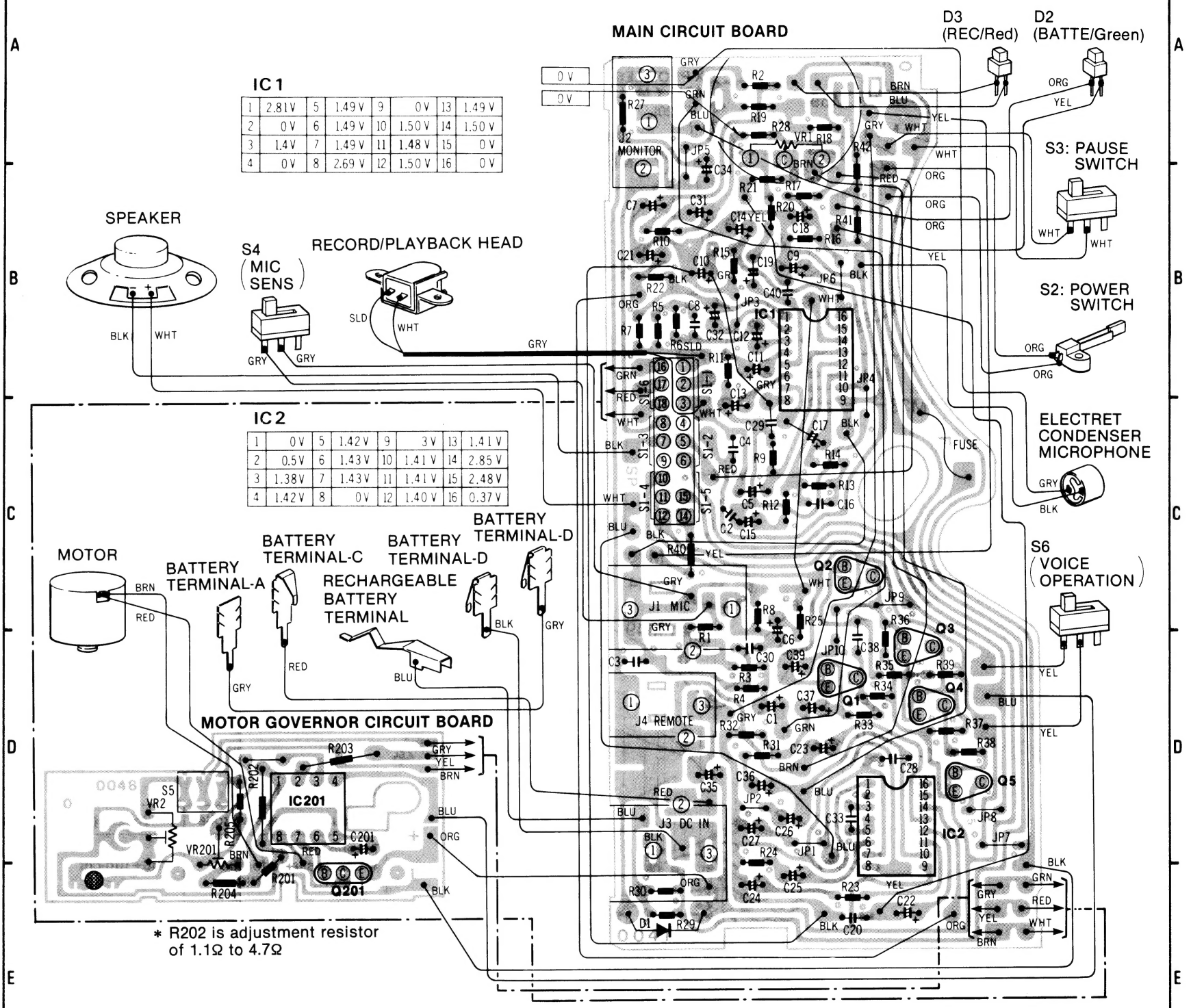
\* R202 is adjustment resistor of 1.1Ω to 4.7Ω

IC201 [AN6612]

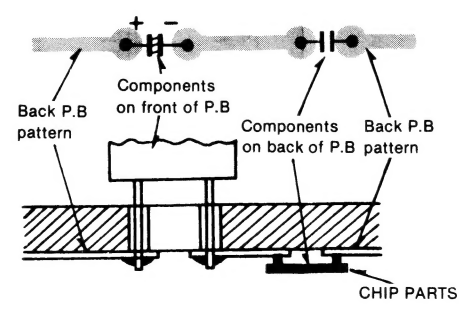
MOTOR GOVERNOR CIRCUIT SECTION



# CIRCUIT BOARDS AND WIRING CONNECTION DIAGRAM



\* R202 is adjustment resistor of 1.1Ω to 4.7Ω

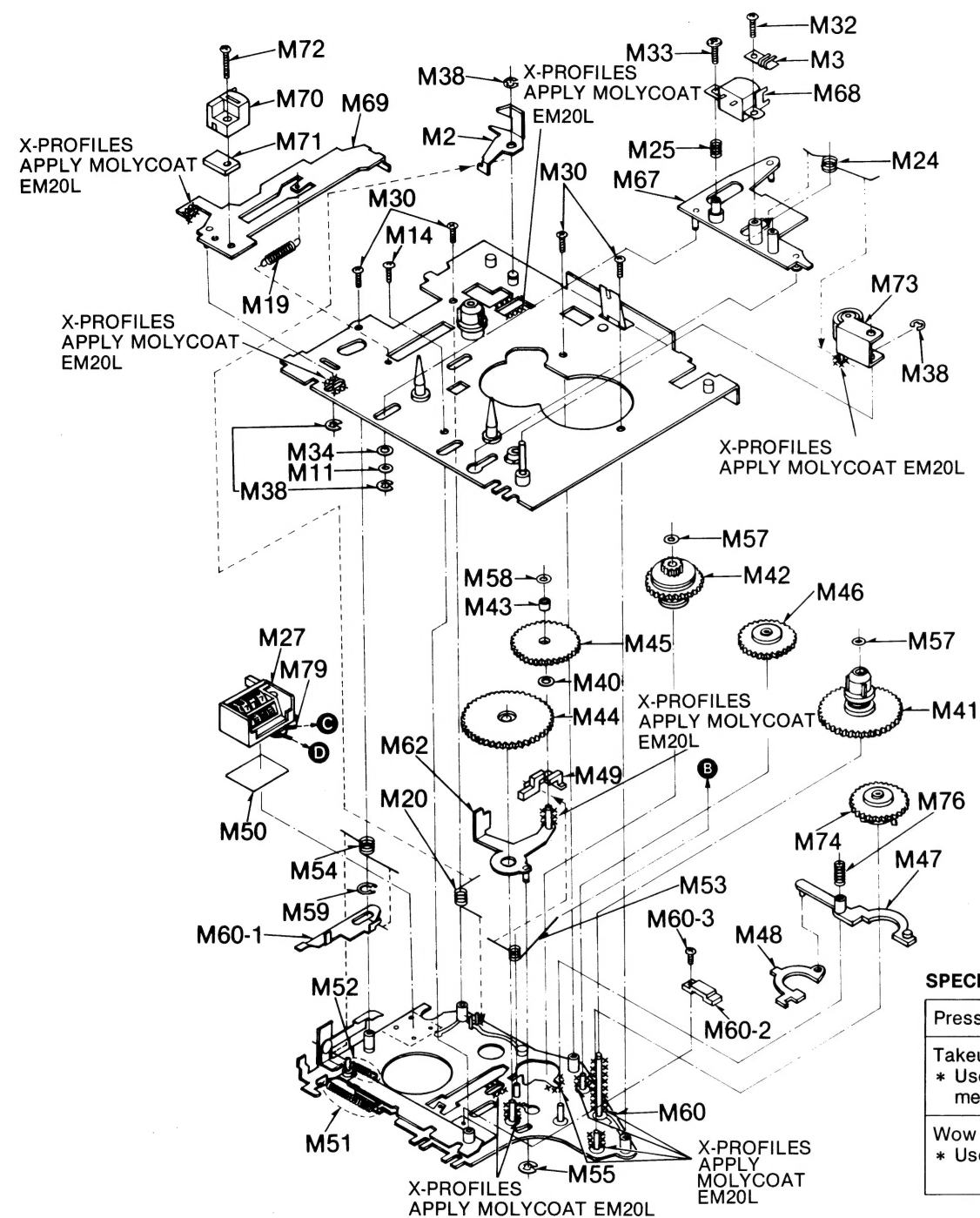


- NOTES:**
- This circuit shown in [shaded area] on the conductor indicates printed circuit on the back side of the printed circuit board (chip side).
  - Components on front of P.B. are identified by black symbols.
  - Components on back of P.B. are identified by red symbols.
  - Values indicated in [box] are under no signal condition and playback mode with volume control at maximum position.
  - For measurement, use VTVM.
  - This circuit board diagram may be modified at any time with the development of new technology.

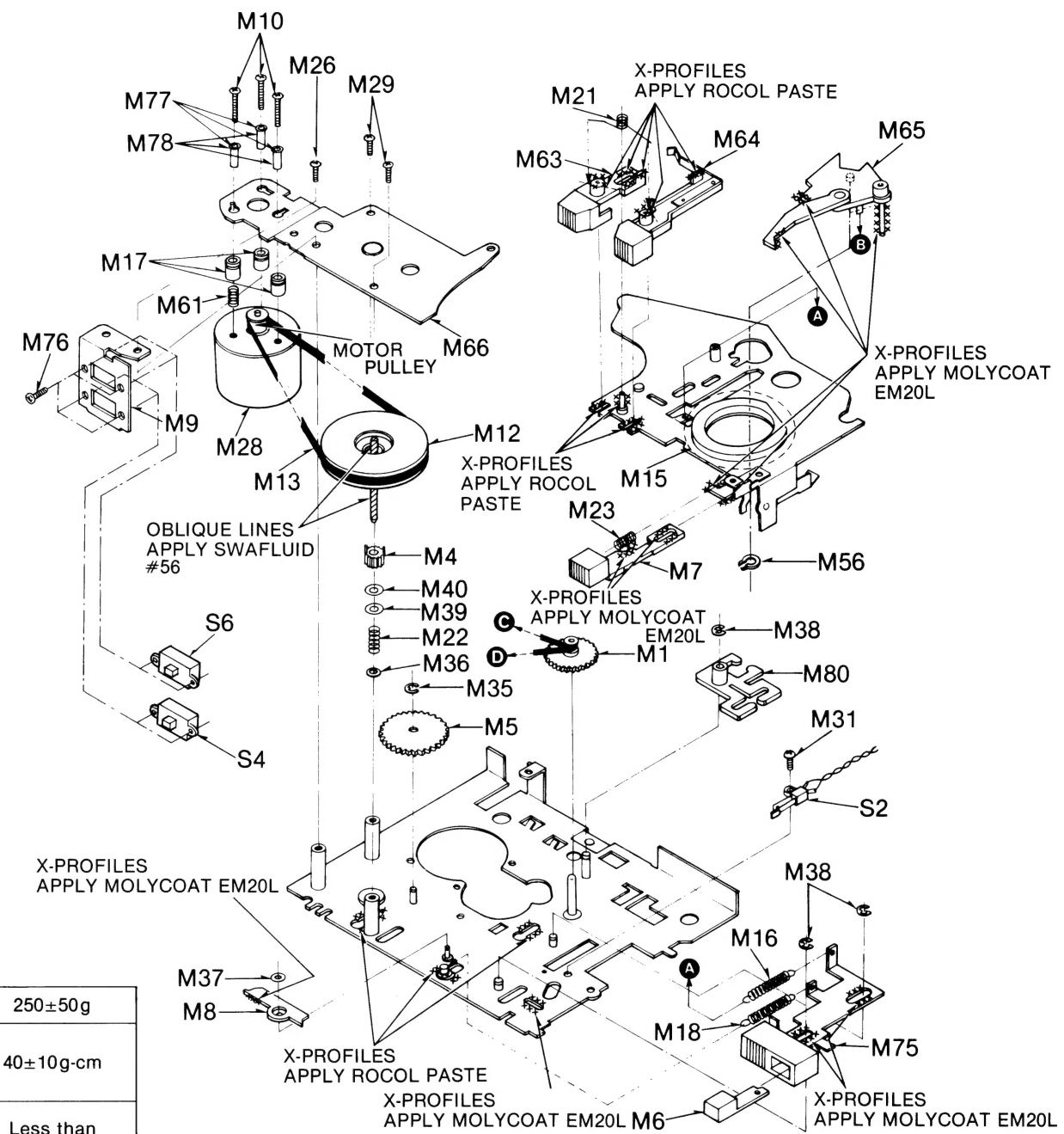
- NOTES:**
- BLK .....Black
  - BLU .....Blue
  - BRN .....Brown
  - GRY .....Gray
  - GRN .....Green
  - L. BLU .....Light Blue
  - NIL .....No Color Mark
  - ORG .....Orange
  - PNK .....Pink
  - RED .....Red
  - SLD .....Shield Wire
  - VLT .....Violet
  - WHT .....White
  - YEL .....Yellow

## MECHANICAL PARTS LOCATION

(Front View)



(Rear View)



## SPECIFICATIONS

Pressure of pressure roller	250±50g
Takeup tension * Use cassette torque meter.....QZZRKCT	40±10g-cm
Wow and flutter: JIS * Use test tape .....QZZCWAT	Less than 0.5% (RMS)

## REPLACEMENT PARTS LIST

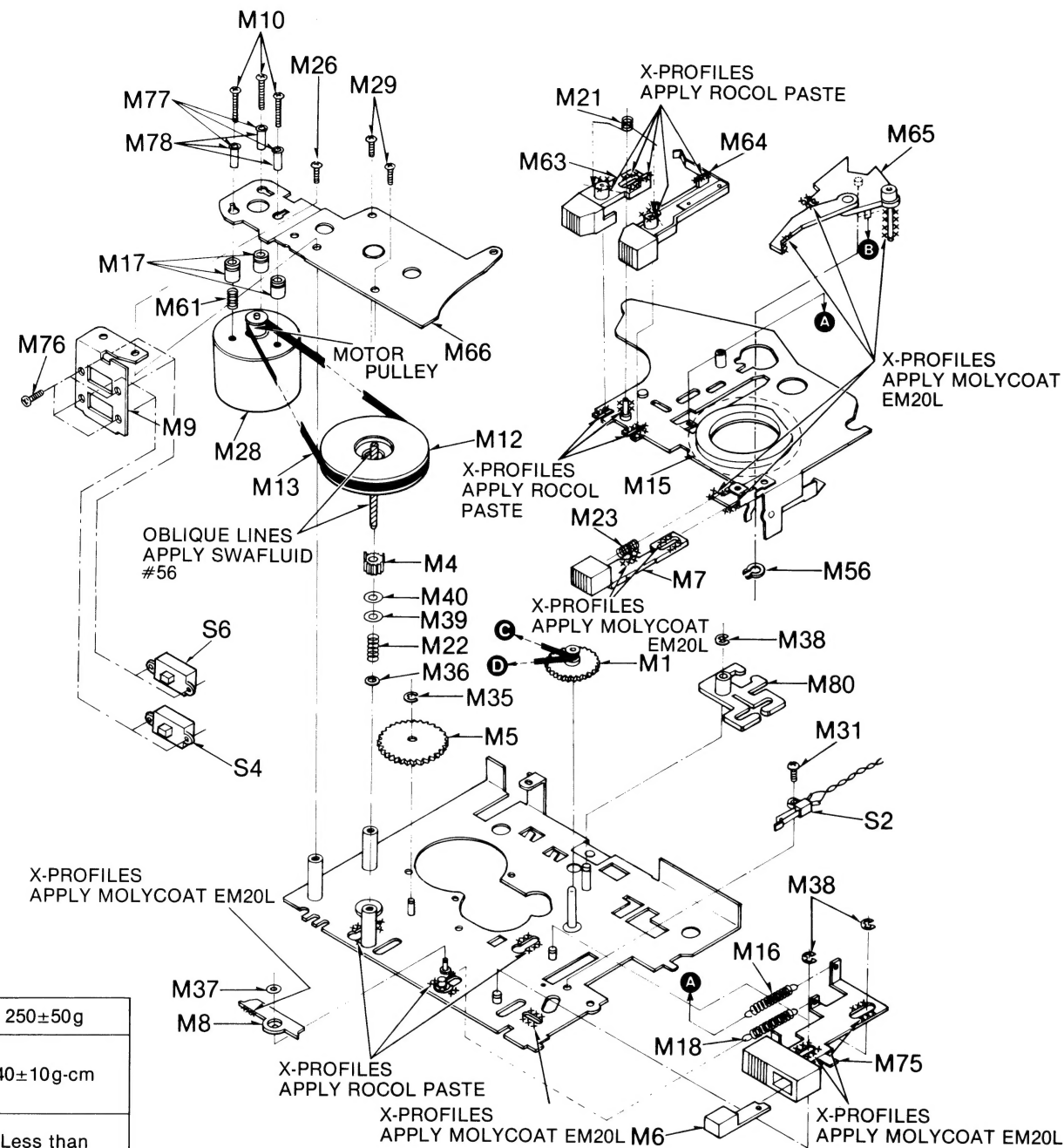
Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
<b>MECHANICAL PARTS</b>			M 14	XQN16C25FZ	Screw $\phi 1.6 \times 2.5$	M 29	XQN16C3FZ	Screw $\phi 1.6 \times 3$	M 43	QMC0155	Spacer (for Gear-(4))	M 57	QBW2030	Snap Washer	M 68	QWY0151Y	Record/Playback Head
M 1	QDP1977	Supply Reel Pulley	M 15	QBMA0017	Speaker Cushion	M 30	XTNQ16C4D	Screw $\phi 1.6 \times 4$	M 44	QDG1319	Gear-(3)	M 58	QBW2008	Snap Washer	M 69	QXK2813	Erase Head Base Plate
M 2	QML4051	Erase Safety Lever	M 16	QBT2104	Playback Rod Spring				M 45	QDG1320	Gear-(4)	M 59	XUE35	Stop Ring 3.5 $\phi$			Assembly
M 3	QTD1326	Head Wire Clamper	M 17	QBG1762	Motor Rubber	M 31	XSN2 + 3	Screw $\phi 2 \times 3$	M 46	QDG1321	Gear-(5)	M 60	QXK2809	Intermediate Plate	M 70	QWY2158	Erase Head
M 4	QDG1317	Gear-(1)	M 18	QBT2012	Head Base Plate Spring	M 32	XSN2 + 4	Screw $\phi 2 \times 4$	M 47	QML4054	Auto-Stop Lever-A			Assembly	M 71	QMG0126	Erase Head Base
M 5	QDG1318	Gear-(2)	M 19	QBT2015	Erase Head Base Plate Spring	M 33	XSB2D45	Screw $\phi 2 \times 4.5$	M 48	QML4055	Auto-Stop Lever-B				M 72	XSN2 + 8	Screw $\phi 2 \times 8$
M 6	QGO2280	Record Button				M 34	XWE3A7	Washer	M 49	QML4060	Auto-Stop Safety Lever				M 73	QXL1677	Pressure Roller Lever
M 7	QGO2281S	Stop Button	M 20	QBN2014	Erase Safety Lever Spring	M 35	XUC15FT	Ring 1.5 $\phi$	M 50	QGAA0024	Counter Adhesive Angle						Assembly
M 8	QML4059	Cue Lever	M 21	QBN2016	FF/REW Button Spring	M 36	XUC2FT	Washer				M 60-1	QML4053	Eject Change Lever	M 74	QXG1080	Gear-(5) Assembly
M 9	QMA6470	Switch Angle (for S4 and S6)	M 22	QBC1479	Flywheel Spring	M 37	QBW2030	Snap Washer	M 51	QBT2013	Lock Plate Spring	M 60-2	QMG0127	Auto-Stop Lever Guide	M 75	QXR0937	Playback Rod Assembly
			M 23	QBC1477	Stop Button Spring	M 38	XUC2FT	Stop Ring 2 $\phi$	M 52	QBT2011	Switch Change Rod Spring	M 60-3	XQN16C3FZ	Screw $\phi 1.6 \times 3$	M 76	XSS2 + 3	Screw $\phi 2 \times 3$
M 10	QHQ1358	Screw (for Motor)	M 24	QBC1479	Pressure Roller Spring	M 39	QBW2013	Washer	M 53	QBN2015	FF Lever Spring	M 61	QBC1475	Spring (for Motor)	M 77	XWE19D5	Washer (for Motor)
M 11	QBP1519	Spring Washer	M 25	QBC1339	Head Adjustment Spring	M 40	QBKA0006	Washer	M 54	QBN2017	Eject Change Lever Spring	M 62	QXL1678	Gear Lever Assembly	M 78	QMC0157	Motor Collar
M 12	QXF0229	Flywheel Assembly	M 26	XQN16C35FZ	Screw $\phi 1.6 \times 3.5$	M 41	QXD0156	Takeup Reel Table Assembly	M 55	XUC2FT	Stop Ring 2 $\phi$	M 63	QXB0796	FF Button Assembly	M 79	QDB0352	Counter Belt
M 13	QDB0350	Flywheel Belt	M 27	QDC0165	Counter	M 42	QXG1079	FF Gear Assembly	M 56	XUBQ2FT	Ring C 2 $\phi$	M 64	QXB0797	REW Button Assembly	M 80	QML4057	Record Lever
			M 28	HDN5A3RB	Motor							M 65	QXL1679	Lower Plate Assembly	M 81	QBC1478	Back Tension Spring
												M 66	QXK2814	Head Base Plate	M 82	QBC1474	Auto-Lever-A Spring
												M 67	QXK2810	Assembly			

## REPLACEMENT PARTS LIST

Ref. No.	Part No.	Part Name & Description
<b>CABI</b>		
G 1	[D] QYMA0204C	Record/Playback Head
	[For all European area]	
	[NA] QYMA0206C	Erase Head Base Plate
	[For Asia, Latin America, Australia areas.]	
G 1-1	QBP2005	Assembly
G 1-2	XTN2 + 8BFZ	Erase Head
G 2	QYMA0196C	Erase Head Base
G 2-1	QJB0161	Screw $\phi 2 \times 8$
G 2-2	QJB0109	Pressure Roller Lever
G 2-3	QJB0142	Assembly
G 2-4	QJB0147	Gear-(5) Assembly
G 3	QYPA0022	Playback Rod Assembly
G 4	QKFA4005C	Washer (for Motor)
G 5	QGO2284S	Screw $\phi 2 \times 3$
G 6	QMN2859	Motor Collar
G 7	XTN2 + 8B	Counter Belt
G 8	XTN2 + 8BFZ	Record Lever
G 9	XQN16 + C4FN	Back Tension Spring
G 10	QYFA0049	Auto-Lever-A Spring
G 10-1	QBH2037H	

**NOTE:**  
When changing mechanism parts, apply the specified grease to the area marked "xx" shown in the drawing "Mechanical Parts Location".

(Rear View)

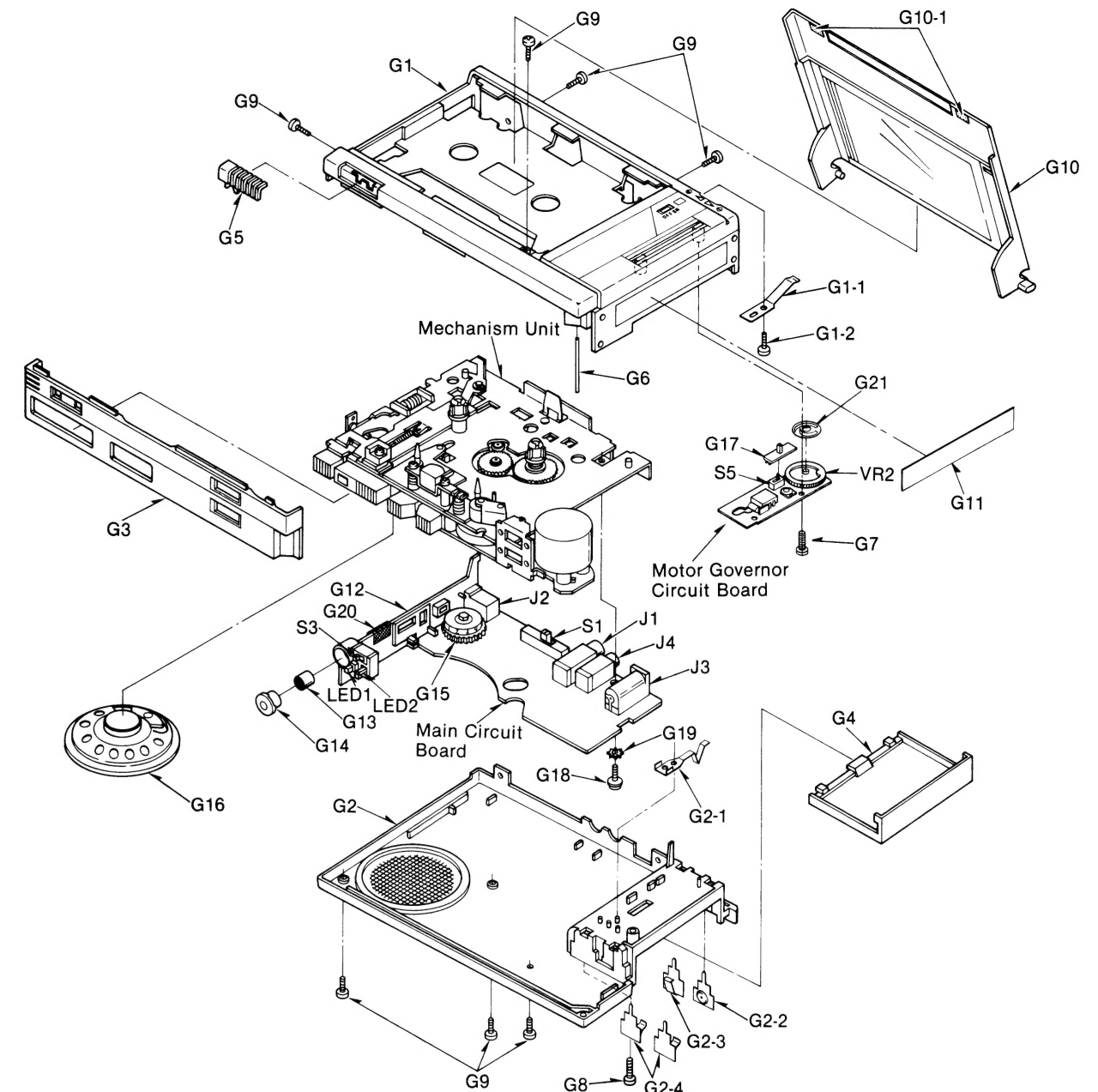


**SPECIFICATIONS**

Pressure of pressure roller	250±50g
Takeup tension * Use cassette torque meter.....QZZRKCT	40±10g-cm
Wow and flutter: JIS * Use test tape .....QZZCWAT	Less than 0.5% (RMS)

Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
Screw $\phi 1.6 \times 3$	M 43	QMC0155	Spacer (for Gear-(4))	M 57	QBW2030	Snap Washer	M 68	QWY0151Y	Record/Playback Head
Screw $\phi 1.6 \times 4$	M 44	QDG1319	Gear-(3)	M 58	QBW2008	Snap Washer	M 69	QXK2813	Erase Head Base Plate
Screw $\phi 2 \times 3$	M 45	QDG1320	Gear-(4)	M 59	XUE35	Stop Ring 3.5 $\phi$			Assembly
Screw $\phi 2 \times 4$	M 46	QDG1321	Gear-(5)	M 60	QXK2809	Intermediate Plate	M 70	QWY2158	Erase Head
Screw $\phi 2 \times 4.5$	M 47	QML4054	Auto-Stop Lever-A			Assembly	M 71	QMG0126	Erase Head Base
Washer	M 48	QML4055	Auto-Stop Lever-B				M 72	XSN2 + 8	Screw $\phi 2 \times 8$
Ring 1.5 $\phi$	M 49	QML4060	Auto-Stop Safety Lever	M 60-1	QML4053	Eject Change Lever	M 73	QXL1677	Pressure Roller Lever
Washer	M 50	QGAA0024	Counter Adhesive Angle	M 60-2	QMG0127	Auto-Stop Lever Guide			Assembly
Snap Washer	M 51	QBT2013	Lock Plate Spring	M 60-3	XQN16C3FZ	Screw $\phi 1.6 \times 3$	M 74	QXG1080	Gear-(5) Assembly
Stop Ring 2 $\phi$	M 52	QBT2011	Switch Change Rod	M 61	QBC1475	Spring (for Motor)	M 75	QXR0937	Playback Rod Assembly
Washer			Spring	M 62	QXL1678	Gear Lever Assembly	M 76	XSS2 + 3	Screw $\phi 2 \times 3$
Washer			Spring	M 63	QXB0796	FF Button Assembly	M 77	XWE19D5	Washer (for Motor)
Takeup Reel Table	M 53	QBN2015	FF Lever Spring	M 64	QXB0797	REW Button Assembly	M 78	QMC0157	Motor Collar
Assembly	M 54	QBN2017	Eject Change Lever	M 65	QXL1679	FF Lever Assembly	M 79	QDB0352	Counter Belt
FF Gear Assembly	M 55	XUC2FT	Stop Ring 2 $\phi$	M 66	QXK2814	Lower Plate Assembly	M 80	QML4057	Record Lever
	M 56	XUBQ2FT	Ring C 2 $\phi$	M 67	QXK2810	Head Base Plate	M 81	QBC1478	Back Tension Spring
						Assembly	M 82	QBC1474	Auto-Lever-A Spring

**CABINET PARTS LOCATION**



**REPLACEMENT PARTS LIST**

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
<b>CABINET PARTS</b>			G 11	[D] QGSA0094	Main Name Plate [For all European areas except United Kingdom.] [NA] QGSA0097 Main Name Plate [For Asia, Latin America, Middle East, Africa and Australia areas.]	A 2	QYH0102K	Handstrap Assembly
G 1	[D] QYMA0204C	Main Case Assembly [For all European areas except United Kingdom.] [NA] QYMA0206C Main Case Assembly [For Asia, Latin America, Middle East, Africa and Australia areas.]	G 12	QEJA0028	Jack Plate Assembly (with J2: Monitor Jack)	A 3	[D] QFKA0070	Carrying Bag [For all European areas except United Kingdom.] [NA] QFKA0071 Carrying Bag [For Asia, Latin America, Middle East, Africa and Australia areas.]
G 1-1	QBP2005	Cassette Lid Spring	G 13	WM063Y	Electret Condenser	A 4	[D] QQT3546	Instruction Book [For all European areas except United Kingdom.] [NA] QQT3553 Instruction Book [For Asia, Latin America, Middle East, Africa and Australia areas.]
G 1-2	XTN2 + 6BFZ	Tapping Screw $\phi 2 \times 6$	G 14	QBG1733	Microphone Rubber	<b>PACKINGS</b>		
G 2	QYMA0196C	Bottom Case Assembly	G 15	QGT1360	Volume Knob	P 1	[D] QPNA0185	Inner Carton [For all European areas except United Kingdom.] [NA] QPNA0188 Inner Carton [For Asia, Latin America, Middle East, Africa and Australia areas.]
G 2-1	QJB0161	Rechargeable Battery Terminal	G 16	EAS45P106SE	Speaker	P 2	XZB16X27A02	Poly Bag (for UNIT)
G 2-2	QJB0109	Battery Terminal-A	G 17	QGT1651	Switch Knob (for Speed Control)	P 3	QPAA0093	Cushion
G 2-3	QJB0142	Battery Terminal-C	G 18	XQNQC16A4F	Screw $\phi 1.6 \times 4$	P 4	QPSA0036	Pad
G 2-4	QJB0147	Battery Terminal-D	G 19	XWC2B	Washer 2 $\phi$	P 5	QPAA0099	Protection Card (for Cassette Lid)
G 3	QYPA0022	Operation Panel	G 20	QBJA0042	Spacer-B			
G 4	QKFA4005C	Battery Lid	G 21	QGBA0039	Volume Indication Plate			
G 5	QGO2284S	Pause Switch Button	<b>ACCESSORIES</b>					
G 6	QMN2859	Hand Strap Pin	A 1	[NA] QFTC07L003NZ	Demonstration Tape [For Asia, Latin America, Middle East, Africa and Australia areas.]			
G 7	XTN2 + 8B	Tapping Screw $\phi 2 \times 6$						
G 8	XTN2 + 8BFZ	Tapping Screw $\phi 2 \times 8$						
G 9	XQN16 + C4FN	Screw $\phi 1.6 \times 4$						
G 10	QYFA0049	Cassette Lid Assembly						
G 10-1	QBH2037H	Spacer-A						

# Service Manual

Mini Cassette

## RQ-355

(Brown)

**Supplement-1**

Voice Activated Mini Cassette Recorder  
with Tape Speed Control

This is the Service Manual  
for the following areas.

**Z** ...For all European  
areas except United  
Kingdom.

**X** ...For Asia, Latin  
America, Middle  
East and Africa  
areas.

**L** ...For Australia.

- Please use this manual together with the service manual for model No. RQ-355 order No. ARD83080273C8-05.

### CORRECTION

#### ■ REPLACEMENT PARTS LIST

Please revise the original parts list in the Service Manual RQ-355 to conform to the changes shown herein.

(Original)

Ref. No.	Part No.	Part Name & Description
G12	QEJA0028	Jack Plate Assembly (with J2: Monitor Jack)

(Correction)

Ref. No.	Part No.	Part Name & Description
J2	QJA0196H	Monitor Jack
G12	QEJA0028	Jack Plate Assembly

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